

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

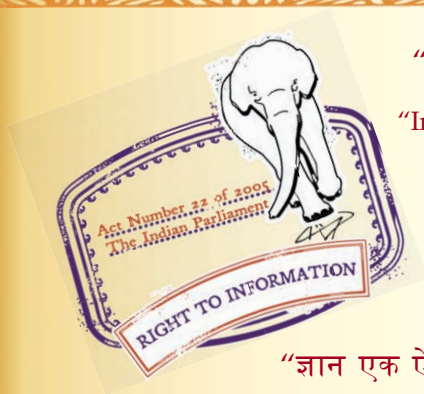
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5092 (1969): Dimensions for square and rectangular base plates [PGD 2: Machine Tool Elements and Holding Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



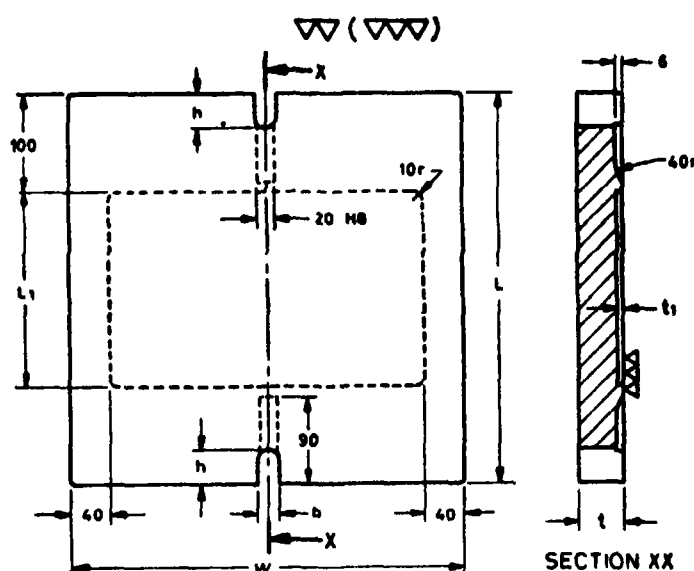
BLANK PAGE



*Indian Standard*  
**DIMENSIONS FOR SQUARE AND RECTANGULAR  
BASE PLATES**

### 1. Scope — Dimensions and requirements for square and rectangular base plates.

## 2. Dimensions



**Note — Tenon Slots of two different types are shown for the convenience of manufacture.**

**All dimensions in millimetres.**

W	L	L <sub>1</sub>	t		t <sub>1</sub>	b	h
			Cast Iron	Steel			
125	125	—	25	20	—	17	25
125	200	—	25	20	—	17	25
125	315	—	25	20	—	17	25
160	160	—	30	25	—	17	25
160	250	—	30	25	—	17	25
160	355	—	30	25	—	17	25
200	200	—	32	25	—	21	35
200	315	115	32	25	3	21	35
200	400	200	32	25	3	21	35
250	250	50	35	28	3	21	35
250	355	155	35	28	3	21	35
250	450	250	35	28	3	21	35
315	315	115	38	30	5	21	35
315	450	250	38	30	5	21	35
315	630	430	38	30	5	21	35
400	400	200	45	35	5	21	35
400	630	430	45	35	5	21	35
400	800	600	45	35	5	21	35

**Note — Dimensional deviation for untoleranced dimensions : medium class according to IS : 2102-1962.**

**Adopted 2 April 1969**

© December 1969 BIS

Gr 1

**BUREAU OF INDIAN STANDARDS**  
**MANAK BHAVAN, 9 SAHAJOUR SHAH ZAFAR MARG**  
**NEW DELHI 110002**

## **IS : 5092 - 1969**

### **3. Designation**

**3.1** A square base plate having  $W=200$  mm made of steel shall be designated as:

Square Base Plate 200 IS : 5092 S.

**3.2** A rectangular base plate having  $W=200$  mm and  $L=400$  mm made of cast iron shall be designated as:

Rectangular Base Plate 200 x 400 IS : 5092 CI.

**4. Material** — Cast iron, hardness approximate 200 *HB*; or steel, minimum tensile strength of 60 kgf/mm<sup>2</sup>.

**5. Finish** — Free from cracks, burrs, pits and other defects.

**AMENDMENT NO. 1 AUGUST 1996  
TO  
IS 5092 : 1969 DIMENSIONS FOR SQUARE AND  
RECTANGULAR BASE PLATES**

( *Page 1, clause 2, Note under Table* ) — Substitute the following for the existing note:

"NOTE — Dimensional deviation for untoleranced dimensions: medium class according to IS 2102 ( Part 1 ) : 1993 'General tolerances: Part 1 Tolerances for linear and angular dimensions without individual indications ( *third revision* )'."

( PE 02 )

---

Reprography Unit, BIS, New Delhi, India